

|                             |                         |              |                        |                                     |
|-----------------------------|-------------------------|--------------|------------------------|-------------------------------------|
| SERIAL NUMBER<br>09/220,821 | FILING DATE<br>12/24/98 | CLASS<br>381 | GROUP ART UNIT<br>2743 | ATTORNEY DOCKET NO.<br>02103/347001 |
|-----------------------------|-------------------------|--------------|------------------------|-------------------------------------|

APPLICANT

J. RICHARD AYLWARD, ASHLAND, MA.

**\*\*CONTINUING DOMESTIC DATA\*\*\*\*\***

VERIFIED

None R/L

**\*\*371 (NAT'L STAGE) DATA\*\*\*\*\***

VERIFIED

None R/L

**\*\*FOREIGN APPLICATIONS\*\*\*\*\***

VERIFIED

None R/L

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 01/15/99

|                                                             |                                                                                                                                                                                         |                           |                        |                       |                            |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|-----------------------|----------------------------|
| Foreign Priority claimed<br>35 USC 119 (a-d) conditions met | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance | STATE OR<br>COUNTRY<br>MA | SHEETS<br>DRAWING<br>8 | TOTAL<br>CLAIMS<br>48 | INDEPENDENT<br>CLAIMS<br>7 |
| Verified and Acknowledged <u>R/L</u>                        |                                                                                                                                                                                         |                           |                        |                       |                            |

|         |                                                                                    |
|---------|------------------------------------------------------------------------------------|
| ADDRESS | CHARLES HIEKEN<br>FISH & RICHARDSON<br>225 FRANKLIN STREET<br>BOSTON MA 02110-2804 |
|---------|------------------------------------------------------------------------------------|

|       |                         |
|-------|-------------------------|
| TITLE | AUDIO SIGNAL PROCESSING |
|-------|-------------------------|

|                                       |                                                                                                                       |                                                                                                                                                                                                                                                                           |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FILING FEE<br>RECEIVED<br><br>\$1,576 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>NO. _____ for the following: | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees (Filing)<br><input type="checkbox"/> 1.17 Fees (Processing Ext. of time)<br><input type="checkbox"/> 1.18 Fees (Issue)<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|